ABSTRACT OF THE DISCLOSURE

A method of enciphering information constituted by a finite sequence $\{S_1, S_2, ..., S_N\}$ of N symbols $(S_1, S_2, ..., S_N)$ selected from an alphabet A. There are defined both a secret convention of \underline{p} key symbols $K_1, ..., K_p$ selected form a second alphabet B, and a multivariate function M having m+1 variables $(m \le N)$: $M(X_{i_1}, ..., X_{i_m}, Y)$ operating $A^m \square B$ in A, $\{i_1, ..., i_m\}$ being \underline{m} distinct indices in the range [1, N] and the function M being bijective relative to at least one (X_{i_1}) of the \underline{m} variables of A. A succession of X permutations are performed on the sequences $\{S_1, S_2, ..., S_N\}$ such that where $\{S_1, S_2, ..., S_N\}$ is the sequence prior to the j^{th} permutation, the sequence after the j^{th} permutation is $\{S_2, S_3, ..., S_N, Z_j\}$, where Z_j is equal to $M(S_{i_1}, ..., S_{i_m}, K_j)$ the enciphered information being constituted by the sequence $\{S_1, S_2, ..., S_N\}$ obtained after the X^{th} permutation.